extreme end several disjointed peaks shot | ute, and 5,000 horse power is attained. up, while farther yet in the background the towering summits of the Korghi-Ula lifted crowns in glittering array in a series of closely-gathered peaks of most singular uniformity of contour. During the whole day our eyes had rested on a long line of dark and solemn spurs, their summits buried in leaden mists; but late in the afternoon the upper extremities of these spurs loomed up one after another, and a then peak after peak struggled from behind the gloomy pall o'erspreading them, the sun dissipated the clammy vapors for a few brief hours, until at last the snowy range, immense and beautiful, a perfect picture of wild and majestic desolateness, drew all eyes and riveted attention, while even the habitually stolid faces of the Kiangsis, who were not usually inclined to look at other than the material aspect of things, seemed awed.

The Korghi-Ula, generally speaking, form the most western series of the general system of the Tche-Ula, which trend in a general northwesterly direction west of the cupying the immense area inclosed in the the Ma-Chu between the Koulon-Go! and the Ike Kalloutou, near Rirchta. From the main system short spur-like ranges shoot off at right angles; these are generally of low elevation and gradually dwindle into sterile hills, which in turn in gradual gradations to the Hoang-Ho plateau, thus forming a sort of central rampart between the latter and the Koko-Nor plain. Like all the ranges of this system the Korghi-Ula has a long slope on the northern face, while on the Ma-Chu side the mountain scenery is fully developed and very irregular. Their general features are aridity and barrenness; east of Artchoun the entire system is much lower, in some places wooded, and naturally more fertile. Between the Oikol-Nor rise approximately thirteen to fifteen thousand feet above the sea and are bordered northern slope by the desolate of the Koko-Nor, a wild and repelling country, the principal features of a confused network of bare hills. and still more barren plains. This immense be adequately described, for the and desolation, awful defiles and passes, and bare black crags; others dwell on the fertile valleys, charming dells and purling A DESOLATE OUTLOOK.

Both aspects are characteristic of cenimmediate vicinity of the Ma-Chu the gento the landscape, without, however, detracting from its solemn grandeur. Vegetation therefore, is confined to val-

the northern and southern districts of the Koko Nor, and is comparatively easy of other passes leading across the higher western parts of the range, difficult of access with vaks and horses, but in a country where fresh springs and streams and trade of the district, however, passes along the road leading over the Rawa-La to the the Oikol-Nor, although quite an important road extends from Sung-P'an, near the headwaters of the Min river, in northern Szchuan, to Tchong-Siba, and thence, a few miles north of the course of the Hoang-Ho. in an almost parallel direction, to Charing Nor. This latter is the favorite trade route for Chinese merchants, who usually pass through the district between March and tavorable. Their trading is done mostly nomads buy in turn; being obliged to pay, in addition to the original cost of the goods. the exorbitant charges of middlemen, they are outrageously swindled. The principal ors and qualities, matchlocks, knives, tea and chinaware, in exchange for which they give hides, furs, lambskins, choma (boiled mutton), salt and wool.

# QUESTIONS AND ANSWERS.

What year did Magellan discover the strait that bears his name?-A. B. C. In 1520.

What was the foreign immigration by countries to the United States in the fiscal year 1899?-J. L. C

The countries sending the larger numbers were: Italy, 98,730; Ireland, 32,345; Poland, 28,466, and Germany, 26,631. Then 23,249 immigrants were classified as Scandinavians and 15,838 as Slovacks.

+ + + Which State or Territory showed by last year's census the greatest percentage of nerease? 2. Will you give particulars of Mexico's army and navy?-H. M. B.

Oklahoma, 518.2 per cent. exclusive of persons on Indian reservations. 2. The army numbers 27,103, including over 3,600 Two unarmored gunboats of 450 tons each, three still smaller gunboats and a training ship make up the navy.

Will you name the generals of the regular army who are not West Pointers?-C. Lieutenant General Nelson A. Miles, Major Generals John R. Brooke, Henry C. Corbin and Elwell S. Otis, Brigadier Generals James F. Wade, Henry C. Merriam. Samuel B. M. Young, Arthur MacArthur, Joseph C. Breckinridge, G. Norman Lieber, Marshall I. Ludington, George M. Stern berg, Adolphus W. Greely and Fred C. Ainsworth.

What is gamboge? 2. When used as fuel how much natural gas is equal to a pound

of coal?-W. J. H The dried julce from the trunk of a tree that grows in Slam. It is composed of gum (about 80 per cent, of the former) and is used as a drug and as a 2. Seven and a half cubic feet is not far from the average, but natural gas is a very variable product, so this ratio does not hold with all gases.

Who invented the turbine water-wheel? 2. Will you give the dimensions and particulars of head and speed of those em the Niagara Falls tunnel

The first useful turbine was invented by a Frenchman named Fourneyron, about 1833. Before that there had been several inefficient forms of this wheel. 2. Each turbine consists of two "outward-flow" wheels attached to the same shaft, one

dominating a ridge which bordered the eleven and one-half feet below the other. right bank of the Ma-Chu. From the high- | Each wheel is sixty-three inches in diamest elevation of this ridge I observed north | eter, and the "advantageous speed" is of the river a similar plateau, extending so | 200 revolutions per minute. Water at a smooth and free of obstructions that it ap- | mean head of 136 feet is delivered through peared like the bed of a lake from which a penstock seven and one-half feet in dithe waters had recently receded. At its améter at the rate of 13,800 feet per min-

> In the new apportionment what States gain congressmen and how many? Does

any State lose?-Voter. great line of mountain-shoulders stood out; Texas gain three each. The others retain pounds in weight. It is evident, there-

> taper off? 2. If my land adjoining a river title to such increase?-H. A. R.

Its high temperature accounts for the rising, and this, with the fact that combustion and cooling begin at the outside and work inward, accounts for the form of the flame. 2. You have; that is, the general statement of the law as to accretions is that when gradual they belong to the owner of the adjacent land, and when sudden, to the State.

our side in the revolution? 3. How is Egypt governed?-C. M.

The ages of the three classes-workers, queens and drones-vary, and the life of the individuals of any class may vary also. Workers wear themselves out in a very few months, those born at the height of more or less, and queens last usually from trol of Great Britain, the last temporarily | entrance of germs. according to repeated British professions.

States and British armies? 2. Does our gov-

major general, \$7,500, £3; brigadier general, \$5,500, £2, 10s; colonel, \$3,500, from 24s 9d to 18s, according to command, or £2 when on staff duty; lieutenant colonel, \$3,000, British like advance, except that maximum pay tral Asian topography, and may have an for the one is \$4,500 and for the other \$4,000.

> insects by shooting them? 4. What bird builds a playhouse?-J. M. E.

We think you have reference to some sheltered spots, where a stunted few days of this time the insect lives under and other

> absolute monarchs in the known world, two of which are the Czar of Russia and Sultan of Turkey, who is the third?-J.

The whole number is 192, distributed as fol-

lows: Alabama, 13; Arkansas, 17; Florida, 8; Georgia, 18; Louisiana, 13; Mississippi, 13; North Carolina, 18; South Carolina, 13; Tennessee, 33; Texas, 18; Virginia, 18, and a year and the student's railroad ticket with the settled villages, from which the be not less than seventeen years old nor character, in good health, without physical defects, eccentricities or habits that would interfere with success in teaching, and must make a pledge of intent to teach for at least two years after graduation. Then applicants are examined in English. English literature, United States history, geography, arithmetic, elementary algebra and two books of Wentworth's geometry, and in beginnings of Latin, 3, China, Siam, Korea, Morocco and Persia also are classed as absolute monarchies. The titles of their rulers are, in the order given, Emperor, King, Emperor, Sultan, Shah.

# Homes for Disabled Soldiers.

To the Editor of the Indianapolis Journal: Your answer to "Old Soldier," in yesterday's Journal is incorrect. The various branches mentioned are in no way a part of the home at Washington, D. C., as that iome is for the exclusive use of the soldiers of the regular army and is kept up by the regulars, who contribute 121/2 cents per nonth toward its maintenance, or every two months 25 cents is deducted from their pay. This home does not receive any aid whatever from the national government, while the national homes for disabled voiunteer soldiers are maintained exclusively by the federal government. Indianapolis, July 22.

# Who Has the Poem "Old Stars?"

To the Editor of the Indianapolis Journal: Will you kindly ask any reader of the the Journal for republication? The poem appeared, I think, in 1863, or at least just following the death of Major General Ormsby M. Mitchell, to whose memory both as astronomer and soldier, it is a tribute The poem is very pretty, and many of your readers would enjoy reading it; some of whom here, were in the general's command. J. W. R.

Muncie, Ind., July 26.

# Mute Witnesses.

The soft lamp gilds my desk to-night;

My books stand all a-row. I turn them o'er, and to my sight They seem to sorrow so.

The ancient rhymes of love and death That were such comforters

Seem now to know some living breatly That all about them stirs.

Story and fable, quaint and good, They speak so bitterly! Not as the hand that penned them would That they should speak to me.

A little comment scribbled fine, A finger-print, a bit Of folded paper, at some line Tell how we talked of it.

Allke the poet and the sage, Gold-edge and russet-brown-A pensiled word upon a page, A corner folded down!

The glamor of the verse is flown; The cut leaves seem to bleed. In the dim light I read alone The books she loved to read. -From Love-in-a-Mist, by Post Wheeler.

### WATER AND ITS USES.

The Human Animal Requires About Five Pounds Daily.

With the exception of air there is nothing so essential to the health, and, indeed, the very existence of mankind as water, but it must be good water. If the average man should be split up into component elements there would be about a ten-gallon keg full Arkansas, California, Colorado, Connecti- of water in the lot, but this water is never cut, Fiorida, Louisiana, Massachusetts, stagnant; it continually changes during its Mississippi, Missouri, North Carolina, work in carrying on the vital processes. Of North Dakota, Washington, West Virginia this water about a pint is exhaled, daily, and Wisconsin gain one member each, through the lungs; nearly a quart through Minnesota, New Jersey and Pennsylvania | the skin; and about four pints and a half gain two each and Illinois, New York and | through the kidneys, equal to about five their former representation, no State losing. fore, that this amount of water must be taken into the system, in some form, if life Why should a candle's flame rise and is to be sustained, and water, therefore, s gradually increased in area by deposits must form an appreciable part of diet, of sediment from the stream, have I a | since all the chemical and mechanical processes of life need water for their perform-

There is nourishment in water, if it is pure, yet it is even more essential than solid food for existence, since man may in a few days if deprived of water. True, food eaten in the average ration, the amount is only about one-third of the re-What is the length of a honey bee's life? | quired quantity, and the balance must be 2. How many soldiers were engaged on made up by drinking water or beverages made with it, as tea and coffee.

Pure water is a thing greatly to be desired, but seldom seen. It is odorless, colorless, tasteless, and transparent, but so are some waters that are not pure. The nearest approach to it is distilled water, but unthe honey producing season lasting not less this process is carried on in a germless over one month. Drones live six months, atmosphere and the water hermetically sealed it is apt to be contaminated by three to five years. 2. 209,781. 3. Its gov- germs, so that after being kept a while a ernment is an absolute monarchy of the slimy cloud-like mass develops within the Mohammedan type, though the Khedive is receptacle, showing that germs have been advised by a Council of Ministers. It is sown and grown within it, yet so simple a tributary to Turkey, and under military stopper as a wad of cotton wool placed in occupation and financial and political con- the mouth of the bottle will prevent the

Rain water is the next purest water, but while this is, in a sense, distilled water, What is the pay of officers in the United | having been vaporized by the heat of the freshing and clean-feeling and smelling and well adapted for washing purposes, but as a beverage it is not healthful nor savory. especially as it lacks the carbonic acid gas

lect in various organs, causing discomfort, as by chilling it.

bid water is not dangerous, while clear water may be extremely so. Turbidity may but that in itself is dangerous because the to a lack of vigor of the stomach. water, causes mechanical irritation of the bowels and consequent diarrhoea until the system becomes habitauted to the unwonted irritation, as it will in the course

situated among the hills, is probably as and therein lies the slight danger that in its passage through lead pipe it may disit may come in contact. Slight as may be the danger of lead poisoning from such to be investigated, as none have as yet or complications of disease in city folk who enjoy all the conveniences of life and incidentally many inconveniences of which

they are not aware. Teetotalers-the word, by the way, was probably coined by a stutterer, as it is only a long word for total-are not always water drinkers, but it is an astonishing fact that poor water leads to drinking alcoholic liquors. The fear or knowledge that water is impure leads to mixing it with liquors to offset the dangerous qualities, to "kill" the germs, without the consideration that the new remedy may be worse than the poison. So pure water is a great moral

Water, too, has an influence on the purity of health as a cleansing agent, for the man who washes, from necessity, in a handful of water, cannot be so clean or keep his person as healthful as the man who has water to waste with no one to say, "Be economical." This is less noticeable in our own country but in Calcutta the water supply is based upon an average supply of thirty gallons a day to Europeans and fifteen gallons a day to the natives and vards E. 22d St. and Monon Railroad.

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and other filth diseases arise and fester. only wholesome, regular drink of health. The boys that play at Kissel's, he had which the minerals are held in solution, the | too, without injury. It also stimulates the

over night, for water is a great absorbent | The wards, and eke the bosses, were as a quantity for proper elimination, and col- tating and distending the stomach as well

River water may be hard or soft, and beneficial and innocuous, contrary to the this country, come infrequently to the highit may be pure, but the chances are that old belief, which, unfortunately, still linit will be contaminated with organic mat- | gers, that water ought to be denied a sick ter which finds its way into the stream by person, in consequence of which thousands careless people. Ordinarily, river water, thirst, for thirst is more terrible and more and all water for that matter, is innocuous potent than hunger, and deprivation of of the sea; the ship staggers from one if it is clear, transparent, well aerated, water more fatal than deprivation of food. tasteless and odorless and sparkles in the Yet even in this there is a caution; water container; but, on the other hand, all tur- should not be drunk too freely during acute diseases of the lungs and throat, nor in diarrhoea, nor should it be used abundantbe due to filtration through soil er sand, by by those suffering from indigestion, due

without discretion. As an take that of drinking cold water in great quantities when the body is heated and exhausted by work or play. In moderation, cool water causes a feeling of coolness in shocked by the indiscretion, perhaps manifesting the effect by spasms or collapse, or not immediately fatal they are followed by that even the use of water must be cau-

# The Wonder of the World.

When Artemisia and Mausoles rode Out of the Carlan gate, their charlot wheels 'ercame the world, till its great spaces flow'd Like air away; while on their horses' heels, Like the one cloud of whitest fire That brings the god again, Their chariot hurl'd to match their swift de-

And so went quickly from those Carian men Went, but not all; it left pale radiance there;

Love's perfect apparition cannot fade. Their passionate charlot still upon the air Hung like a cloud, and swaying by, still staid— As if each chang'd and fading ray Retook its fervency-Retook their splendor, till their train and they That gave it fire, still rode by radiantly.

for Artemisia, when her dear lord died. Drank his burnt ash, solv'd in a cup of wine, And turned their charlot into stone, for pride Of their undying Love, and cast a shrine, The world's last wonder, on the air, To tell in marble rhyme What Artemista and Mausolos were, Who Death o'ersway, though dead, and con

This, the world's wonder, Artemisia gave; Because she loved Mausolos deathlessly, o come, all Lovers! to Mausolos' grave, And say-"All fades; but Love the Mystery (Since spirits master Time) fares unafraid Past Fate, and Night, and Death, darker shade

As Astemista and Mausolos rode!" -Ernest Rhys, in Harper's Magazine. Notice to Contractors and Builders. IN THE GOSSIP'S CORNER.

Then he told the politicians somewhat of

saved them, one and all; An' the backers of the layout, they were

ready at his call; clay within his hands,

An' the Grafters on the corners, they would "An' now." he said with unction, "what's

that echoed wide. An' straightway gave to Tom a nomination

fortunately for the less inured people of er latitudes. They are nights when the planets burn dead and dimly in a pall of blackness, and the thither stars fade hotly into the palpitating abysses of the lowered sky. There is no refreshing in the salt air glassy swell to another, outlined, as she rolls to port or starboard, in crinkling bands of phosphorescence, now red, now blue, now ghastly green. The courses are clewed up to the vards to give a clearer outlook into the darkness, but the upper sails slat against the masts, now faint and timorously, as if they, too, were oppressed by the horrid torridity; now thunderously, defiantly, sounding like the irregular pulsations of artillery, punctuated, as by rifle fire, with sharper salvos, as the reef-points beat angrily against their separate sails. The timbers moan and groan, and the yards creak stridently in the slings or scrape raucously against the shrouds. On the roof of the cabin, under an awning stretched over the spanker boom, the captain lies, tossing about, cursing the heat, his eyes a stranger to sleep. The mate, whose watch it is, walks slowly between the taffrail and the break of the poop, now and again wetting his forefinger and holding it up to feel, if possible, the merest catspaw moving over wheel, almost naked (if you could but see him), has long ago given up trying to keep the ship on her course, and only does what he can to minimize the pounding of the tiller as the long swells rise and fall under

Forward, the second mate, unable to sleep, leans over the rail at the main rigging, the dull glow of his pipe the only light between the binnacle aft and the red | priate, but the "Nordica Waltz" is a trav-While he leans there a great fish, magnioutlined in liquid green fire, and takes a position before him, as if the denizen of | tella," "The Holy City" (baritone solo), the deep, perhaps a shark, were speculat- the overture from "The Jolly Robbers," ing on the possible connection between the dark figure above and a prospective meal | Waltz," "Chicago Tribune March." Taken knocks the ashes from his pipe, and goes | the exercises, this list looks like one of aft, carefully picking his way lest he those puzzle pictures, with an inscription stumble over the half-clad figures of the at the bottom, "Where is the sacredness?" sailors who have sought, on coils of rope, or strips of canvas, or the hard planks of the deck, the rest they cannot get in the hot, ill-smelling fo'c'stle. Some have even ventured aloft and dropped into the clewed folds of the courses, hoping that the swing of the vessel might develop the semblance of a breeze.

The mate gives a quietly spoken order and a man slouches forward. Pretty soon, in double cadences, the hour rings out-eight bells. There are two or three minutes of needs to be told the moral, there is no use stir as the watches change. The man at in

the wheel gives the course to his relief-"sou' b' wes'-half wes'." The relief chuckles-the only sign of mirth through

all the breathless night.

"Y' ain't steerin' very small," he says sardonically, as he notes that the ship heads nearly due north. The man relieved

The mate leans over the rail at the main rigging, smoking, and before him, in the water, is a motionles fish, outlined in fire The second mate walks the quarterdeck, and he, too, wets his finger ever and anon, to test the air for a breeze. On the cabin roof the captain still rolls and tosses and curses the weather. Over all is a lowered

heat, with the night only half gone.

The publisher of the Cannelton Enquirer has the courage of his convictions and sets by every editor in every smaller town of umn he prints a card to the effect that al harged with intent to make profit shall be charged for at the rate of 3 cents a line, on a calculation of six words to the line. He also has prepared a schedule for obituary notices other than those made necessary by the news features incidental to death. This is as it should be. There no business in the world in which the de mands for something for nothing, in the shape of encroachments on the working capital (which in the editor's case is made up, in an important degree, of his time and space) are made as in the newspaper business, and the evil is vastly greater in the smaller towns than in the cities, for in the former everybody knows the editor, and he knows, or is supposed to know, everybedy, and put all the facilities he has at their disposal on demand. It is to be hoped that other Indiana editors will see their way clear to help along the good

x x x

From my old friend Lee Robinson's pa-

per I learn that Bedford is having Sunday 'sacred concerts" at the fair grounds, the innovation being declared a marked success. Music is a good thing, and Bedford is to be congratulated that it had a band capable of giving successful public concerts of any kind at any time. But I doubt the pro priety of calling the Bedford concerts sacred, even if they are given on Sunday Miller's "Battleship Alabama March" is hardly in the sacred category, yet it headed the list a Sunday or two ago. "Joy to the World" undoubtedly is appropriate, but "Asleep in the Deep," even if reverential, is not sacred. A selection from Meyerbeer's "Huguenots" might not be inapproism. The second part of the concert in question runs the gamut in this wise: "Cotton Blossoms," "Vision of Paradise THE GOSSIP.

A Story with a Moral,

A plainly-dressed, unassuming woman entered a Paris dressmaker's shop the other day and asked the attendant to show her some cheap, good material. Thereupon the modiste turned up her beautiful nose and let the customer understand that it was not a cheap shop. So Mrs. Andrew Carnegie, the wife of one of the richest men in the world, and a sensible but by no means penurious woman, went else where with her patronage. If anybody

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